

ABSTRACT OF THE DISCLOSURE

In order to provide an interface circuit, a power converter using the same and an electric vehicle using the same, wherein this interface circuit ensures improved control reliability without employing a photo-coupler, an interface circuit 100A transfers control signals to the power transistor in a large-current circuit 300 from a small-signal circuit 200 for driving a power transistor. The interface circuit 100A has a noise absorber 120 that electrically absorbs a noise voltage produced between the ground of the small-signal circuit 200 and that of the power transistor. The noise absorber 120 transfers to the power transistor the control signals generated by the small-signal circuit 200, without being affected by the noise voltage if produced.